

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	169	(integrat\$4 or combin\$4) with intensifier with camera	US-PGPUB; USPAT	ADJ	ON	2009/07/27 09:03
L2	2	1 and 348/81.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/27 09:03
L3	79	single with intensifier with camera	US-PGPUB; USPAT	ADJ	ON	2009/07/27 09:21
L4	2	avalanche photodiode and 348/81.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/27 10:53
L5	6767	avalanche photodiode	US-PGPUB; USPAT	ADJ	ON	2009/07/27 10:55
L6	0	5 and no CCD	US-PGPUB; USPAT	ADJ	ON	2009/07/27 10:56
L7	5321	5 and laser	US-PGPUB; USPAT	ADJ	ON	2009/07/27 10:56
L8	4943	7 and detect\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/27 10:56
L9	55	8 and "348".clas.	US-PGPUB; USPAT	ADJ	ON	2009/07/27 10:59
L12	0	"4916536".pn. and CCD	US-PGPUB; USPAT	ADJ	ON	2009/07/27 11:13
L13	1	"4916536".pn. and avalanche	US-PGPUB; USPAT	ADJ	ON	2009/07/27 11:13
S1	1	"6400396".pn.	US-PGPUB; USPAT	ADJ	ON	2009/07/20 11:46
S2	0	"(6400396 or 5418608)".pn.	US-PGPUB; USPAT	ADJ	ON	2009/07/20 11:47
S3	2	("6400396" or "5418608").pn.	US-PGPUB; USPAT	ADJ	ON	2009/07/20 11:47
S4	1	"6002644".pn.	US-PGPUB; USPAT	ADJ	ON	2009/07/20 12:53
S5	2	("6400396" or "5418608").pn.	US-PGPUB; USPAT	ADJ	ON	2009/07/20 16:17
S6	2	S5 and focal	US-PGPUB; USPAT	ADJ	ON	2009/07/20 16:17
S7	176	348/81.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/20 16:41

S8	3	S7 and laser and (expanded with illuminat\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/20 16:42
S9	6	S7 and laser and ((expanded or concentrated) with (beam or illuminat\$4))	US-PGPUB; USPAT	ADJ	ON	2009/07/20 16:45
S10	2	S7 and laser and ((concentrated) with (beam or illuminat\$4))	US-PGPUB; USPAT	ADJ	ON	2009/07/20 16:46
S11	176	348/81.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/21 08:12
S12	46	S11 and laser	US-PGPUB; USPAT	ADJ	ON	2009/07/21 08:12
S13	0	"0838696".app.	EPO	ADJ	ON	2009/07/21 08:30
S14	0	"0838696".ap.	EPO	ADJ	ON	2009/07/21 08:30
S15	0	1998ep-0838696.ap.	DERWENT	ADJ	ON	2009/07/21 08:31
S16	0	1998epo-0838696.ap.	DERWENT	ADJ	ON	2009/07/21 08:31
S17	0	1998epo-0838696-a1. ap.	DERWENT	ADJ	ON	2009/07/21 08:31
S18	0	1997epo-97308577. S12.ap.	DERWENT	ADJ	ON	2009/07/21 08:33
S19	0	1997ep-97308577.S12. ap.	DERWENT	ADJ	ON	2009/07/21 08:33
S20	0	"1997ep-97308577."\$. ap.	DERWENT	ADJ	ON	2009/07/21 08:35
S21	0	"1997epo- 97308577."\$.ap.	DERWENT	ADJ	ON	2009/07/21 08:35
S22	13	S11 and sequential	US-PGPUB; USPAT	ADJ	ON	2009/07/21 09:31
S23	64	Underwater and (image or imaging) and laser	DERWENT	ADJ	ON	2009/07/21 11:41
S24	0	Boker-kent.inv.	DERWENT	ADJ	ON	2009/07/21 13:26
S25	0	Boker-kent.inv.	US-PGPUB; USPAT	ADJ	ON	2009/07/21 13:26
S26	45	Boker.inv.	US-PGPUB; USPAT	ADJ	ON	2009/07/21 13:26
S27	1	S26 and laser	US-PGPUB; USPAT	ADJ	ON	2009/07/21 13:27

S28	0	"Boker.inv.16" and imag\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/21 13:29
S29	0	"Bowker.inv.16" and imag\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/21 13:29
S30	0	"Bowker.inv." and imag\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/21 13:29
S31	0	"Bowker.inv."	US-PGPUB; USPAT	ADJ	ON	2009/07/21 13:29
S32	137	Bowker.inv.	US-PGPUB; USPAT	ADJ	ON	2009/07/21 13:29
S33	2	Bowker-kent.inv.	US-PGPUB; USPAT	ADJ	ON	2009/07/21 13:29
S34	19	("3719775"   "4704634"   "5140463"   "5142372"   "5212667"   "5278403"   "Re33865").PN. OR ("5467122").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/21 13:30
S35	42	S11 and (blue or green)	US-PGPUB; USPAT	ADJ	ON	2009/07/21 14:52
S36	1	"4229711".pn.	US-PGPUB; USPAT	ADJ	ON	2009/07/21 16:55
S37	1	S36 and blue	US-PGPUB; USPAT	ADJ	ON	2009/07/21 16:55
S38	1373	underwater and imag\$4 and laser	US-PGPUB; USPAT	ADJ	ON	2009/07/21 17:42
S39	66	S38 and intensifier	US-PGPUB; USPAT	ADJ	ON	2009/07/21 17:46
S40	1373	underwater and imag\$4 and laser	US-PGPUB; USPAT	ADJ	ON	2009/07/22 12:44
S41	20	S40 and intensifier and shutter	US-PGPUB; USPAT	ADJ	ON	2009/07/22 12:44
S42	1373	underwater and imag\$4 and laser	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:13
S43	0	S42 and ((photocathod bias) with inver\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:13
S44	0	((photocathod bias) with inver\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:13
S45	0	((photo-cathod bias) with inver\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:14
S46	0	((photo-cathode bias) with inver\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:14

S47	1	((photocathode bias with inver\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:14
S48	1	"4680770".pn.	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:19
S49	1	S48 and inversion	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:19
S50	0	S48 and (inversion with photocathode)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:20
S51	0	S48 and (inver\$4 with photocathode)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:20
S52	1	S48 and ((inver\$4 or negative) with photocathode)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:21
S53	478	((inver\$4 or negative) with photocathode)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:22
S54	167	S53 and laser	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:22
S55	0	"5467122".pn. and bias	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:26
S56	1	"5467122".pn. and photocathode	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:26
S57	0	"5467122".pn. and (inv \$4 or negative\$2)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:29
S58	18	S53 and (photocathode with duty cycle))	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:38
S59	3	S58 and day light	US-PGPUB; USPAT	ADJ	ON	2009/07/22 16:39
S60	31	S53 and (duty cycle)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 17:17
S61	5	S53 and (duty cycle) and daylight	US-PGPUB; USPAT	ADJ	ON	2009/07/22 17:21
S62	445	intensifier and ((without or no) with CCD)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 18:13
S63	48	"445" and (low illumination)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 18:13
S64	14	S62 and (low illumination)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 18:14
S65	92	intensifier with (without or no) with CCD	US-PGPUB; USPAT	ADJ	ON	2009/07/22 18:19
S66	30	S65 and (low (light or illuminaion))	US-PGPUB; USPAT	ADJ	ON	2009/07/22 18:20
S67	23	S65 and ((without or no) near intensifier)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 18:22

S68	10	S67 and (low (light or illumination))	US-PGPUB; USPAT	ADJ	ON	2009/07/22 18:42
S69	1	"5444280".pn.	US-PGPUB; USPAT	ADJ	ON	2009/07/23 09:00
S70	1	S69 and avalanche	US-PGPUB; USPAT	ADJ	ON	2009/07/23 09:00
S71	1	S69 and (CCD with avalanche)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 09:02
S72	1	"5638394".pn.	US-PGPUB; USPAT	ADJ	ON	2009/07/23 12:45
S73	0	S72 and diode-laser	US-PGPUB; USPAT	ADJ	ON	2009/07/23 12:46
S74	0	S72 and diode laser	US-PGPUB; USPAT	ADJ	ON	2009/07/23 12:46
S75	0	S72 and oscillation in rare	US-PGPUB; USPAT	ADJ	ON	2009/07/23 12:47
S76	1	S72 and oscillation	US-PGPUB; USPAT	ADJ	ON	2009/07/23 12:47
S77	1	S72 and (oscillation or rare earth or semiconductor)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 12:48
S78	1	S72 and (oscillation or rare earth or semiconductor or frequency or conver\$4 or nonlinear)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 12:50
S79	0	(semiconduct near laser near diode) and (oscillation and rare earth and frequency and conver\$4 and nonlinear)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 12:55
S80	0	(semiconduct near laser near diode)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 12:55
S81	8509	(semiconductor near laser near diode)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 12:55
S82	58	(semiconductor near laser near diode) and (oscillation and rare earth and frequency and conver\$4 and nonlinear)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 12:56
S83	1374	underwater and imag \$4 and laser	US-PGPUB; USPAT	ADJ	ON	2009/07/23 15:07
S84	25	S83 and (conventional CCD)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 15:07

S85	0	S84 and ((no or without) near intensifier)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 15:08
S86	0	"5467122".pn. and electro-optic	US-PGPUB; USPAT	ADJ	ON	2009/07/23 15:52
S87	0	"5467122".pn. and (electro optic)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 15:52
S88	0	"5467122".pn. and (acousto-optic)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 15:52
S89	1	"5185671".pn.	US-PGPUB; USPAT	ADJ	ON	2009/07/23 17:31
S90	1	"5185671".pn. and submerg\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/23 17:33
S91	28	S83 and (submerg\$4 with (camera or detector))	US-PGPUB; USPAT	ADJ	ON	2009/07/23 17:43

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